

## **SOFTWARE MONITORING SYSTEM FOR THE POLLING OF PROCESSES TO DETERMINE THE PRESENTLY EXECUTING FUNCTION**

### **Abstract**

The function polling system both uses the proprietary reporting  
5 Application Interface of the software application, as needed, while also  
bypassing the proprietary reporting Application Interface to directly poll the  
executing software application to perform a time-wise snapshot of the  
executing software application to thereby limit the amount of data generated,  
yet provide a more comprehensive view of the executing software application.  
10 The function polling system periodically checks the software application to  
determine which function is presently executing within the software  
application. The periodic polling of executing processes significantly reduces  
the amount of data collected, yet enables the application stakeholder to obtain  
a granularity of data relating to the executing software application not  
15 available with existing software monitoring systems. The function polling  
system monitors all the functions embodied in the software application rather  
than selected functions to thereby avoid gaps in the coverage of the  
monitoring.

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